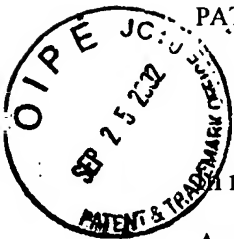


25 SEP 2002

SLR:clh:dm 09/20/02 140604.doc
PATENTAttorney Reference Number 4239-62263
Application Number 10/070,053

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of: Schneider et al.

Art Unit: Not yet assigned

Application No. 10/070,053

Filed: February 28, 2002

For: HIGH SPEED PARALLEL MOLECULAR
NUCLEIC ACID SEQUENCING

Examiner: Not yet assigned

Date: September 20, 2002

COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service on September 20, 2002 as First Class Mail in an envelope addressed to: COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231.

Agent for Applicants**REQUEST FOR FILING RECEIPT**

Notification of Missing Requirements dated April 19, 2002 was received for the above-referenced patent application on April 26, 2002. On May 3, 2002, we filed the Missing Requirements (see attached), which was received by the USPTO on May 13, 2002 (see stamped postcard). However, as of today we have not yet received a Filing Receipt.

It is respectfully requested that a Filing Receipt be produced for the above-referenced application.

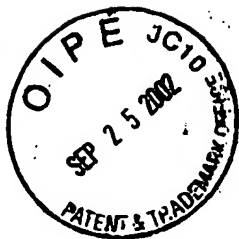
Examiner is invited to call the undersigned if there are any additional questions.

Respectfully submitted,

KLARQUIST SPARKMAN, LLP

By:
Sheree Lynn Rybak, Ph.D.
Registration No. 47,913

One World Trade Center, Suite 1600
121 S.W. Salmon Street
Portland, Oregon 97204
Telephone: (503) 226-7391
Facsimile: (503) 228-9446



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Schneider et al.

Art Unit: Not yet assigned

Application No. 10/070,053

Filed: February 28, 2002

For: HIGH SPEED PARALLEL MOLECULAR
NUCLEIC ACID SEQUENCING

Examiner: Not yet assigned

Date: May 3, 2002

CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service on May 3, 2002, as First Class Mail in an envelope addressed to:
BOX PCT, COMMISSIONER FOR PATENTS,
WASHINGTON D.C. 20231.


Attorney for Applicants

RECEIVED
JAN 22 2003
TECH CENTER 1600/2900

MISSING REQUIREMENTS TRANSMITTAL LETTER

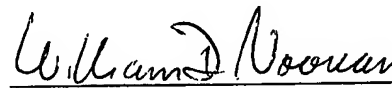
BOX PCT
COMMISSIONER FOR PATENTS
Washington, DC 20231

Enclosed for filing in the application referenced above are the following:

- ☒ Copy of Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US), dated April 19, 2002.
- ☒ Two signed Combined Declaration and Power of Attorney forms.
- ☒ Please return the enclosed postcard to confirm that the items listed above have been received.

Respectfully submitted,

KLARQUIST SPARKMAN, LLP

By 
William D. Noonan, M.D.
Registration No. 30,878

One World Trade Center, Suite 1600
121 S.W. Salmon Street
Portland, Oregon 97204
Telephone: (503) 226-7391
Facsimile: (503) 228-9446

cc: Docketing

COPY



UNITED STATES PATENT AND TRADEMARK OFFICE

NMS
NIM/SLR
Commissioner for Patents, Box PCT
United States Patent and Trademark Office
Washington, D.C. 20231
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/070,053	Thomas D. Schneider	4239-62263

24197

KLARQUIST SPARKMAN, LLP
121 SW SALMON STREET
SUITE 1600
PORTLAND, OR 97204DOCKETED FOR 6/19/02
11/19/02

COMPLETED ✓



INTERNATIONAL APPLICATION NO.	
PCT/US00/23736	
I.A. FILING DATE	PRIORITY DATE
08/29/2000	08/30/1999

CONFIRMATION NO. 9108

371 FORMALITIES LETTER



OC00000007914051

Date Mailed: 04/19/2002

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- U.S. Basic National Fees
- Priority Document
- Copy of IPE Report
- Copy of references cited in ISR
- Copy of the International Application
- Copy of the International Search Report
- Information Disclosure Statements
- Oath or Declaration
- Preliminary Amendments
- Request for Immediate Examination

RECEIVED
JAN 22 2003
TECH CENTER 1600/2900

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
 - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTH FROM THE DATE OF THIS NOTICE OR BY 22 or 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

COPY

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice MUST be returned with the response.

DEBORAH D WILLIAMS

Telephone: (703) 305-3744

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/070,053	PCT/US00/23736	4239-62263

FORM PCT/DO/EO/905 (371 Formalities Notice)

COPY

COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **HIGH SPEED PARALLEL MOLECULAR NUCLEIC ACID SEQUENCING**, the specification of which

- ☐ is attached hereto.
- ☐ was filed on _____ as United States Patent Application No. _____.
- ☒ was described and claimed in PCT International Application No. PCT/US00/23736, filed on August 29, 2000, and as amended under PCT Articles 19 on n/a (if applicable).
- ☐ and was amended on _____ (if applicable).
- ☐ with amendments through _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56. If this is a continuation-in-part application filed under the conditions specified in 35 U.S.C. § 120 which discloses claims and subject matter in addition to that disclosed in the prior copending application, I further acknowledge the duty to disclose material information as defined in 37 C.F.R. § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the applications(s) on which priority is claimed:

Number	Country	Day/Month/Year Filed	<input type="checkbox"/> Yes	<input type="checkbox"/> No

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

<u>60/151,580</u>	<u>30 August 1999</u>
Application Number	Filing Date

COPY

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or § 365(c) of any PCT international application(s) designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

PCT/US00/23736

29 August 2000

Pending

Application Number

Filing Date

Status: patented, pending abandoned

I hereby appoint the practitioners associated with the customer number provided below to prosecute this application, to file a corresponding international application, and to transact all business in the Patent and Trademark Office connected therewith:

Customer Number

**24197**

Klarquist Sparkman

Name	Reg. No.	Name	Reg. No.
BUNKER, Gillian	47,461	ORR, David E.	44,988
BURG, Daniel B.	41,649	PETERSEN, David P.	28,106
CALDWELL, Lisa M.	41,653	POLLEY, Richard J.	28,107
CARLSON, Anne	47,472	RINEHART, Kyle B.	47,027
GIRARD, Michael P.	38,467	RUPERT, Wayne W.	34,420
HAENDLER, Jeffrey B.	43,652	RYBAK, Sheree L.	47,913
HARDING, Tanya M.	42,630	SCOTTI, Robert F.	39,830
JAKUBEK, Joseph T.	34,190	SIEGEL, Susan Alpert	43,121
JONCUS, Stephen J.	44,809	SLATER, Stacey C.	36,011
JONES, Michael D.	41,879	STEPHENS Jr., Donald L.	34,022
KLARQUIST, Kenneth S.	16,445	STUART, John W.	24,540
KLITZKE II, Ramon A.	30,188	VANDENBERG, John D.	31,312
LEIGH, James S.	20,434	WHINSTON, Arthur L.	19,155
MC LEOD, Richard D.	46,921	WIGHT, Stephen A.	37,759
MAURER, Gregory L.	43,781	WINN, Garth A.	33,220
MIRHO, Charles A.	41,199	ZASTROW, Devon J.	50,206
NOONAN, William D.	30,878		

I hereby grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Combined Declaration and Power of Attorney any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for submitting this document.

Address all telephone calls to Sheree Lynn Rybak, Ph.D. at telephone number (503) 226-7391.

Address all correspondence to the address associated with the customer number provided below:

Customer Number

**24197**

Klarquist Sparkman

COPY

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of First or Sole Inventor: Thomas D. Schneider

Residence: Frederick, Maryland

Mailing Address: 107 Alessandra Court, No. 208
Frederick, MD 21702-4015

Citizenship: United States of America

Inventor's Signature _____

Date _____

Name of Second Inventor: Denise Rubens

Residence: Rocky Ridge, Maryland

Mailing Address: 13815 Motters Station Road
Rocky Ridge, MD 21778

Citizenship: United States of America

Inventor's Signature Denise Rubens

Date March 4, 2002

7A
COPY

**COMBINED DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled HIGH SPEED PARALLEL MOLECULAR NUCLEIC ACID SEQUENCING, the specification of which

- ☐ is attached hereto.
- ☐ was filed on _____ as United States Patent Application No. _____.
- ☒ was described and claimed in PCT International Application No. PCT/US00/23736, filed on August 29, 2000, and as amended under PCT Articles 19 on _____ n/a _____ (if applicable).
- ☐ and was amended on _____ (if applicable).
- ☐ with amendments through _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56. If this is a continuation-in-part application filed under the conditions specified in 35 U.S.C. § 120 which discloses claims and subject matter in addition to that disclosed in the prior copending application, I further acknowledge the duty to disclose material information as defined in 37 C.F.R. § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the applications(s) on which priority is claimed:

Number	Country	Day/Month/Year Filed	<input type="checkbox"/> Yes	<input type="checkbox"/> No

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PCT/US00/23736

29 August 2000

Pending

Application Number

Filing Date

Status: patented, pending abandoned

I hereby appoint the practitioners associated with the customer number provided below to prosecute this application, to file a corresponding international application, and to transact all business in the Patent and Trademark Office connected therewith:

Customer Number



Name	Reg. No.	Name	Reg. No.
BUNKER, Gillian	47,461	ORR, David E.	44,988
BURG, Daniel B.	41,649	PETERSEN, David P.	28,106
CALDWELL, Lisa M.	41,653	POLLEY, Richard J.	28,107
CARLSON, Anne	47,472	RINEHART, Kyle B.	47,027
GIRARD, Michael P.	38,467	RUPERT, Wayne W.	34,420
HAENDLER, Jeffrey B.	43,652	RYBAK, Sheree L.	47,913
HARDING, Tanya M.	42,630	SCOTTI, Robert F.	39,830
JAKUBEK, Joseph T.	34,190	SIEGEL, Susan Alpert	43,121
JONCUS, Stephen J.	44,809	SLATER, Stacey C.	36,011
JONES, Michael D.	41,879	STEPHENS Jr., Donald L.	34,022
KLARQUIST, Kenneth S.	16,445	STUART, John W.	24,540
KLITZKE II, Ramon A.	30,188	VANDENBERG, John D.	31,312
LEIGH, James S.	20,434	WHINSTON, Arthur L.	19,155
MC LEOD, Richard D.	46,921	WIGHT, Stephen A.	37,759
MAURER, Gregory L.	43,781	WINN, Garth A.	33,220
MIRHO, Charles A.	41,199	ZASTROW, Devon J.	50,206
NOONAN, William D.	30,878		

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Name of First or Sole Inventor: Thomas D. Schneider

Residence: Frederick, Maryland

Mailing Address: 107 Alessandra Court, No. 208
Frederick, MD 21702-4015

Citizenship: United States of America

Inventor's Signature Thomas D. Schneider

Date 2002 Feb 25

Name of Second Inventor: Denise Rubens

Residence: Rocky Ridge, Maryland

Mailing Address: 13815 Motters Station Road
Rocky Ridge, MD 21778

Citizenship: United States of America

Inventor's Signature _____

Date _____

COPY

BEST AVAILABLE COPY

CLIENT/MATTER NO. 4239-62263/SLR ATTY/SEC SLR/dm

INVENTOR(S): Schneider et al.

APP. NO. 10/070,053 FILING DATE 2/28/2002

The following, due 6/19/2002, mailed 5/3/2002

by First Class Mail, was received in the U.S. PTO on the date stamped hereon:

<input type="checkbox"/> Amendment <input type="checkbox"/> Marked Up Claims/Spec. <input type="checkbox"/> After Final Rejection	
<input type="checkbox"/> Extension of Time/Extension Fee for <input type="checkbox"/> Months	
<input checked="" type="checkbox"/> Notice to File Missing Parts - Date <u>4/19/2002</u>	<input type="checkbox"/> Ltr to Draftsperson
<input type="checkbox"/> Notice to File Corrected App. Papers - Date <u>Two</u>	<input type="checkbox"/> Notice-Allowability
<input checked="" type="checkbox"/> Comb. Dec./POA <input type="checkbox"/> Sht(s) Drawings <input type="checkbox"/> Late Fee	<input type="checkbox"/> Sht(s) Drawings
<input type="checkbox"/> Issue Fee Transmittal (Form PTOL-85b)	<input type="checkbox"/> Sequence Listing <input type="checkbox"/> pages
<input type="checkbox"/> Supp. Dec. <input type="checkbox"/> Issue/Adv. Order fees	<input type="checkbox"/> Stmt in Comp. <input type="checkbox"/> Disk
<input type="checkbox"/> IDS <input type="checkbox"/> Form PTO-1449/Ref.	<input type="checkbox"/> Petition
<input type="checkbox"/> Assignment to: <input type="checkbox"/> Recordal Sheet	
<input checked="" type="checkbox"/> Transmittal Ltr. + <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 copy(ies)	<input type="checkbox"/> Request for Corrected Filing Receipt
<input type="checkbox"/> Check No. <input type="checkbox"/> for \$ <input type="checkbox"/>	<input checked="" type="checkbox"/> Deposit Acct. 02-4550 Authority
JC14 Rec'd PCT/PTO 13 MAY 2002	

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